

Claims

1. (Currently Amended) A surgical implant system for treating female urinary incontinence, the system comprising:

first and second at least one suspending devices each having an upper end, and a lower end, and a collapsible tissue anchor adjacent the upper end adapted to be capable of being fastened on an internal anatomical tissue structure to the side of and above the urethra, and

a urethral support structure for implantation transversely relative to the urethra, the support structure comprising a fastening device removably attached to the suspending device for movement along the upper end of the suspending device to adjust the position of the support structure; and

first and second sleeve elements, each extending downward from the respective collapsible tissue anchors along and substantially surrounding a length of the upper portion of the suspending device.
2. (Currently Amended) The system according to Claim 1, wherein the suspending devices are comprises a monofilaments threadlike structure.
3. (Canceled).
4. (Currently Amended) The system according to Claim 23, wherein the upper end of the monofilament has at least one depression embedded therein, the depression being engageable with at least one locking projection on the respective fastening device.
5. (Currently Amended) The system according to Claim 4, wherein the fastening devices further comprises at least one spring tongue, and the at least one locking projection is arranged thereon.

6. The system according to Claim 5, wherein the fastening devices further comprises two locking projections opposite each other and moveable away from each other by lateral pressure exerted on the fastening device.
7. (Canceled)
8. (Currently Amended) The system according to Claim 1, wherein the tissue anchors further comprises at least two wings.
9. The system according to Claim 8, wherein the wings are movable from a configuration extending substantially parallel to the longitudinal axis of the at least one suspending device to a configuration extending transversely with respect to the longitudinal axis of the at least one suspending device.
10. (Currently Amended) The system according to Claim 8, wherein the wings are made of a mesh tape like textile material.
11. (Canceled).
12. (Currently Amended) The system according to Claim 1, further comprising a trocar instrument for introducing the first and second at least one suspending devices.
13. The system according to Claim 12, wherein the trocar instrument has a sleeve with a proximal end and a beveled distal end.
14. The system according to Claim 13, wherein the trocar instrument is curved.
15. (New) The system according to claim 1, wherein the sleeve elements are comprised of a mesh material.

16. (New) The system according to claim 15, wherein the sleeve elements are dimensioned to receive therein the respective fastening devices.

s/n 10/550,930